

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| L1    | 106902 | (widen\$3 or increas\$3 or expand\$3 or enlarg\$3) near2 (spac\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 10:19 |
| L2    | 160163 | (provid\$3 or widen\$3 or increas\$3 or expand\$3 or enlarg\$3) near2 (spac\$3)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 10:21 |
| L3    | 126    | L2 with (adjacent adj (structure or element or device or cell))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 10:22 |
| L4    | 128    | L2 with (adjacent adj (structure or element or device or cell or shape))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 10:23 |
| L5    | 101    | L4 and (layout or pattern or wafer or chip or circuit or manufactur\$7)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 10:25 |
| L6    | 14     | L5 and layout   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 10:33 |
| L7    | 12262  | ((widen\$3 or wider or wid\$5) near3 edge) with (structure or element or cell or device or shape or object) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 10:35 |
| L8    | 705    | L7 and layout   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 10:35 |
| L9    | 478    | L8 and circuit  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 10:35 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L10 | 379   | L9 and pattern\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 10:42 |
| L11 | 0     | L10 and ((poor or worse or bad or lower or poorer) near2 (manufacturability)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 10:37 |
| L12 | 147   | L10 and wafer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 10:42 |
| L13 | 33    | L12 and simulat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 10:56 |
| L14 | 79459 | sem or SEM or (scan\$4 adj electron adj microscope)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 10:59 |
| L15 | 3921  | L14 with wafer  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 10:59 |
| L16 | 7756  | L14 with (wafer or substrate)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:00 |
| L17 | 9628  | L14 near3 image   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 10:59 |
| L18 | 1317  | L17 with (wafer or substrate)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:02 |
| L19 | 16    | L18 same (problematic or poor\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:12 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| L20 | 0      | L19 same manufacturability   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:02 |
| L21 | 0      | L19 same manufactur\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:03 |
| L22 | 0      | L19 same manufactur\$8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:03 |
| L23 | 115    | (problematic or poor\$3) near3<br>manufacturability  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:13 |
| L24 | 115    | (problematic or poor\$3 or weak\$5)<br>near3 manufacturability                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:23 |
| L25 | 8      | L24 and (adjacent near3 (structure or<br>element or device or object or cell))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:44 |
| L26 | 9      | L24 and ((adjacent or close) near3<br>(structure or element or device or<br>object or cell)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:45 |
| L27 | 54     | L24 and spac\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 11:45 |
| S1  | 401879 | (increas\$3 or more or add\$3 or<br>additional or wid\$3) near3 (spac\$3)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 10:17 |
| S2  | 213    | S1 near5 (adjacent adj (structure or<br>component or element or cell or<br>image))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 15:39 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S3  | 35     | S2 and layout  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 15:39 |
| S4  | 27     | S3 and pattern\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:01 |
| S5  | 1395   | provid\$3 near3 ((additional or more or extra or excess\$4) adj (space))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:03 |
| S6  | 1613   | provid\$3 near3 ((additional or more or extra or excess\$4) adj (spac\$4))         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:03 |
| S7  | 0      | S6 with (adjacent adj (structure or element or component or cell or image))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:04 |
| S8  | 4      | S6 same (adjacent adj (structure or element or component or cell or image))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:05 |
| S9  | 315087 | (more or additional or add\$3 or increas\$3 or extra or excess\$4) near3 (spac\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:07 |
| S10 | 100    | S9 near5 (adjacent adj (structure or cell or component or element or image))       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:08 |
| S11 | 53     | S10 and (layout or pattern)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:10 |
| S12 | 7      | S10 and (layout and pattern)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:09 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S13 | 700 | (great\$3 or better or worse or less\$3<br>or poor\$3) near3 (manufacturability) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:09 |
| S14 | 0   | S10 and S13  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 16:09 |